Bruhat Bengaluru Mahanagara Palike

PROJECT DIVISION-YALAHANKA

Name of Agency :-M/s KRIDL

BRC No :- 1st and Part Bill

Name of work : - Improvements to Sanitary works in Ward No.08, Kodigehalli

Item No.	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date		Recorded on 14/12/2018								
1	KSRRB M200-12.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20. MORTH Specification No. 202. (P.No. 139, I.No. 18.18 of CSR 2018-19)										
	Rammandir Back Side Road										
	0.00	25.00		1	25.00			0.90	0.30	6.75	
	Main Road From Venkateshwara Temple to Hanuman Temple										
	0.00	30.00		1	30.00			0.90	0.30	8.10	
	30.00	60.00		1	30.00			0.90	0.30	8.10	
	60.00	90.00		1	30.00			0.90	0.30	8.10	
	90.00	120.00		1	30.00			0.90	0.30	8.10	
	120.00	150.00		1	30.00			0.90	0.30	8.10	
	A Cross Road in Venkateshwara Temple to Hanuman Temple										
	0.00	12.00		1	12.00			0.90	0.30	3.24	
	12.00	22.50		1	10.50			0.90	0.30	2.84	
	22.50	27.20		1	4.70			0.90	0.30	1.27	
	27.20	37.20		1	10.00			0.90	0.30	2.70	
	B Cross Road in Venkateshwara Temple to Hanuman Temple										
	0.00	20.00		1	20.00			0.90	0.30	5.40	
	20.00	35.00		1	15.00			0.90	0.30	4.05	
	C Cross Road in Venkateshwara Temple to Hanuman Temple										
	0.00	21.00		1	21.00			0.90	0.30	5.67	
	21.00	29.50		1	8.50			0.90	0.30	2.30	
	29.50	51.00		1	21.50			0.90	0.30	5.81	
	51.00	62.00		1	11.00			0.90	0.30	2.97	
	62.00	93.00		1	31.00			0.90	0.30	8.37	
	Kempegowda Road (M G Road)										

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

14/12/2018
Assistant Engineer

Assistant Executive Engineer
14/12/2018

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	Measurement Recorded Date										
	0.00	35.00		1	35.00			0.90	0.30	9.45	
	Near Kodigehalli Shmashana										
	0.00	30.00		1	30.00			0.90	0.30	8.10	
	Gangamma Bavi Cross Road										
	0.00	30.00		1	30.00			0.90	0.30	8.10	
									Total	**117.50**	**Cum**

417.52

TEJU CONSULTANTS
Consultant

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

14/12/2018
Assistant Engineer

Assistant Executive Engineer
19/12/20

Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Measurement Recorded Date-										
Cutting road surfaces for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the classifications for:. in the following classifications.Cutting Asphalt Road (BWSSB SR 16-17, P.9 I No.16)										
3rd Cross Road (Anganavadi Kendra)										
0.00	25.00		1	25.00			0.90	0.30	6.75	
25.00	50.00		1	25.00			0.90	0.30	6.75	
50.00	64.00		1	14.00			0.90	0.30	3.78	
64.00	92.00		1	28.00			0.90	0.30	7.56	
92.00	121.00		1	29.00			0.90	0.30	7.83	
2nd Cross Road										
0.00	30.00		1	30.00			0.90	0.30	8.10	
30.00	55.00		1	25.00			0.90	0.30	6.75	
Devinagar Arch Oppt. Road										
0.00	13.00		1	13.00			0.90	0.30	3.51	
13.00	41.00		1	28.00			0.90	0.30	7.56	
41.00	73.00		1	32.00			0.90	0.30	8.64	
73.00	98.00		1	25.00			0.90	0.30	6.75	
98.00	126.00		1	28.00			0.90	0.30	7.56	
126.00	150.00		1	24.00			0.90	0.30	6.48	
Govt School Kodigehalli										
0.00	30.00		1	30.00			0.90	0.30	8.10	
Earth Work For Man Hole										
3rd Cross Road (Anganavadi Kendra)										
New Man Hole		0.5	-5	1.20		1.20	0.79	1.50	-4.24	
old Man Hole		0.5	-1	1.20		1.20	0.79	1.50	-0.85	
2nd Cross Road										
New Man Hole		0.5	-2	1.20		1.20	0.79	1.50	-1.70	
Devinagar Arch Oppt. Road										
New Man Hole		0.5	-6	1.20		1.20	0.79	1.50	-5.09	
Govt School Kodigehalli										
New Man Hole		0.5	-2	1.20		1.20	0.79	1.50	-1.70	
								Total	**82.55**	**cum**

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

15/12/2019
Assistant Engineer

Assistant Executive Engineer
15/12/2019

Measurements

Item No.	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date									
	EXCAVATING FOR PIPE LINE TRENCHES OF REQUIRED WIDTH by mechanical / & manual means including dressing sides, ramming of bottoms, providing barricading, danger lighting, shoring,strutting, dewatering, etc. IN ALL KINDS OF SOIL MIXED WITH BOULDERS of 30 cms size, etc. for: Pipes of all dia. for depth upto 2.0 M in all types of soils(BWSSB SR 17-18, P.51, I No.1.1)									
	Rammandir Back Side Road									
	0.00 25.00		1	25.00			0.90	1.90	42.75	
	Main Road From Venkateshwara Temple to Hanuman Temple									
	0.00 30.00		1	30.00			0.90	1.90	51.30	
	30.00 60.00		1	30.00			0.90	1.90	51.30	
	60.00 90.00		1	30.00			0.90	1.90	51.30	
	90.00 120.00		1	30.00			0.90	1.90	51.30	
	120.00 150.00		1	30.00			0.90	1.90	51.30	
	A Cross Road in Venkateshwara Temple to Hanuman Temple									
	0.00 12.00		1	12.00			0.90	1.90	20.52	
	12.00 22.50		1	10.50			0.90	1.90	17.96	
	22.50 27.20		1	4.70			0.90	1.90	8.04	
	27.20 37.20		1	10.00			0.90	1.90	17.10	
	B Cross Road in Venkateshwara Temple to Hanuman Temple									
	0.00 20.00		1	20.00			0.90	1.90	34.20	
	20.00 35.00		1	15.00			0.90	1.90	25.65	
	C Cross Road in Venkateshwara Temple to Hanuman Temple									
	0.00 21.00		1	21.00			0.90	1.90	35.91	
	21.00 29.50		1	8.50			0.90	1.90	14.54	
	29.50 51.00		1	21.50			0.90	1.90	36.77	
	51.00 62.00		1	11.00			0.90	1.90	18.81	
	62.00 93.00		1	31.00			0.90	1.90	53.01	
	Kempegowda Road (M G Road)									
	0.00 35.00		1	35.00			0.90	1.90	59.85	
	Near Kodigehalli Shmashana									
	0.00 30.00		1	30.00			0.90	1.90	51.30	
	Gangamma Bavi Cross Road									
	0.00 30.00		1	30.00			0.90	1.90	51.30	

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

15/12

Assistant Engineer

Assistant Executive Engineer

15/12/2011

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date										
	3rd Cross Road (Anganavadi Kendra)										
	0.00	25.00		1	25.00			0.90	1.90	42.75	
	25.00	50.00		1	25.00			0.90	1.90	42.75	
	50.00	64.00		1	14.00			0.90	1.90	23.94	
	64.00	92.00		1	28.00			0.90	1.90	47.88	
	92.00	121.00		1	29.00			0.90	1.90	49.59	
	2nd Cross Road										
	0.00	30.00		1	30.00			0.90	1.90	51.30	
	30.00	55.00		1	25.00			0.90	1.90	42.75	
	Devinagar Arch Oppt. Road										
	0.00	13.00		1	13.00			0.90	1.90	22.23	
	13.00	41.00		1	28.00			0.90	1.90	47.88	
	41.00	73.00		1	32.00			0.90	1.90	54.72	
	73.00	98.00		1	25.00			0.90	1.90	42.75	
	98.00	126.00		1	28.00			0.90	1.90	47.88	
	126.00	150.00		1	24.00			0.90	1.90	41.04	
	Govt School Kodigehalli										
	0.00	30.00		1	30.00			0.90	1.90	51.30	
	Earth Work For Man Hole-Concrete Road										
	Rammandir Back Side Road										
	old Man Hole		0.5	-2	1.20		1.20	0.79	1.50	-1.70	
	Main Road From Venkateshwara Temple to Hanuman Temple										
	New Man Hole		0.5	-9	1.20		1.20	0.79	1.50	-7.64	
	A Cross Road in Venkateshwara Temple to Hanuman Temple										
	New Man Hole		0.5	-4	1.20		1.20	0.79	1.50	-3.39	
	old Man Hole		0.5	-1	1.20		1.20	0.79	1.50	-0.85	
	B Cross Road in Venkateshwara Temple to Hanuman Temple										
	New Man Hole		0.5	-3	1.20		1.20	0.79	1.50	-2.55	
	C Cross Road in Venkateshwara Temple to Hanuman Temple										

Consultant

TEJUS CONSULTANTS

Assistant Engineer 15/12

Assistant Executive Eng

15/12/2

Remarks

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date									
	New Man Hole	0.5	-5	1.20		1.20	0.79	1.50	-4.24	
	old Man Hole	0.5	-1	1.20		1.20	0.79	1.50	-0.85	
	Kempegowda Road (M G Road)									
	New Man Hole	0.5	-1	1.20		1.20	0.79	1.50	-0.85	
	Near Kodigehalli Shmashana									
	New Man Hole	0.5	-1	1.20		1.20	0.79	1.50	-0.85	
	old Man Hole	0.5	-1	1.20		1.20	0.79	1.50	-0.85	
	Gangamma Bavi Cross Road									
	New Man Hole	0.5	-2	1.20		1.20	0.79	1.50	-1.70	
	Earth Work For Man Hole-Asphalt Road									
	3rd Cross Road (Anganavadi Kendra)									
	New Man Hole	0.5	-5	1.20		1.20	0.79	1.50	-4.24	
	old Man Hole	0.5	-1	1.20		1.20	0.79	1.50	-0.85	
	2nd Cross Road									
	New Man Hole	0.5	-2	1.20		1.20	0.79	1.50	-1.70	
	Devinagar Arch Oppt. Road									
	New Man Hole	0.5	-6	1.20		1.20	0.79	1.50	-5.09	
	Govt School Kodigehalli									
	New Man Hole	0.5	-2	1.20		1.20	0.79	1.50	-1.70	
	Deduction of Asphalt Dismantling qty								**-82.55**	
								Total	**1231.38**	**cum**

Engineer
2/2018

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

15/12/2018
Assistant Engineer

Assistant Executive Engineer
15/12/2018

Detailed Measurements

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date									
4	Supplying, lowering, laying, jointing, testing and commissioning of Glazed Stone Ware Pipes of following dia, conforming to IS 651:1992,IS 4127 with latest amendments, including conveying to work site, caulking with hemp dipped in tar and jointing with CM 1:1.5 using OPC, perfect linking and curing for 10 days and testing with water etc. with all lead, lifts and as per Technical Specifications. The cost to include the cost of all jointing materials, necessary survey works for laying of sewer lines etc. complete. The contractor will make own arrangements for procuring water for testing. 230 mm dia. pipes(BWSSB SR 17-18, P.157 I.No 3.4)									
	Rammandir Back Side Road									
	0.00 25.00		1	25.00					25.00	
	Main Road From Venkateshwara Temple to									
	0.00 30.00		1	30.00					30.00	
	30.00 60.00		1	30.00					30.00	
	60.00 90.00		1	30.00					30.00	
	90.00 120.00		1	30.00					30.00	
	120.00 150.00		1	30.00					30.00	
	A Cross Road in Venkateshwara Temple to									
	0.00 12.00		1	12.00					12.00	
	12.00 22.50		1	10.50					10.50	
	22.50 27.20		1	4.70					4.70	
	27.20 37.20		1	10.00					10.00	
	B Cross Road in Venkateshwara Temple to									
	0.00 20.00		1	20.00					20.00	
	20.00 35.00		1	15.00					15.00	
	C Cross Road in Venkateshwara Temple to									
	0.00 21.00		1	21.00					21.00	
	21.00 29.50		1	8.50					8.50	
	29.50 51.00		1	21.50					21.50	
	51.00 62.00		1	11.00					11.00	
	62.00 93.00		1	31.00					31.00	
									(93)	
	Kempegowda Road (M G Road)									
	0.00 35.00		1	35.00					35.00	
	Near Kodigehalli Shmashana									
	0.00 30.00		1	30.00					30.00	
	Gangamma Bavi Cross Road									
	0.00 30.00		1	30.00					30.00	

18/12

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

18/12/2

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date										
	3rd Cross Road (Anganavadi Kendra)										
	0.00	25.00		1	25.00					25.00	
	25.00	50.00		1	25.00					25.00	
	50.00	64.00		1	14.00					14.00	
	64.00	92.00		1	28.00					28.00	
	92.00	121.00		1	29.00					29.00	
	2nd Cross Road										
	0.00	30.00		1	30.00					30.00	
	30.00	55.00		1	25.00					25.00	
	Devinagar Arch Oppt. Road										
	0.00	13.00		1	13.00					13.00	
	13.00	41.00		1	28.00					28.00	
	41.00	73.00		1	32.00					32.00	
	73.00	98.00		1	25.00					25.00	
	98.00	126.00		1	28.00					28.00	
	126.00	150.00		1	24.00					24.00	
	Govt School Kodigehalli										
	0.00	30.00		1	30.00					30.00	
	Earth Work For Man Hole-Concrete Road										
	Rammandir Back Side Road										
	old Man Hole			-2	1.20					-2.40	
	Main Road From Venkateshwara Temple to										
	New Man Hole			-9	1.20					-10.80	
	A Cross Road in Venkateshwara Temple to										
	New Man Hole			-4	1.20					-4.80	
	old Man Hole			-1	1.20					-1.20	
	B Cross Road in Venkateshwara Temple to										
	New Man Hole			-3	1.20					-3.60	
	C Cross Road in Venkateshwara Temple to										
	New Man Hole			-5	1.20					-6.00	
	old Man Hole			-1	1.20					-1.20	

Checked 18/12

Consultant

TEJUS CONSULTANTS

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer

Assistant Executive Engi

18/12/2

Remarks

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date									
	Kempegowda Road (M G Road)									
	New Man Hole		-1	1.20					-1.20	
	Near Kodigehalli Shmashana									
	New Man Hole		-1	1.20					-1.20	
	old Man Hole		-1	1.20					-1.20	
	Gangamma Bavi Cross Road									
	New Man Hole		-2	1.20					-2.40	
	Earth Work For Man Hole-Asphalt Road									
	3rd Cross Road (Anganavadi Kendra)									
	New Man Hole		-5	1.20					-6.00	
	old Man Hole		-1	1.20					-1.20	
	2nd Cross Road									
	New Man Hole		-2	1.20					-2.40	
	Devinagar Arch Oppt. Road									
	New Man Hole		-6	1.20					-7.20	
	Govt School Kodigehalli									
	New Man Hole		-2	1.20					-2.40	
							Total		**736.00**	**Sqm**

TEJUS CONSULTANTS

Consultant

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

18/12/2018

Assistant Engineer

Assistant Executive Engineer

18/12/2018

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date										
5	Labour charges for laying and jointing glazed stone ware pipes of 0.6m length and of specified dia., of tested quality conforming to IS 651 of 1965 including caulking with hemp yarn, jointing with CM 1:2 and testing with water etc. complete for: (Rate to include cost of jointing materials and transportation of pipes from store work site but excluding the cost of earth work) - Glazed Stone Ware pipe of 230 mm dia (P.No 159 I .No.7.3 BWSSB 2017-18)										
	Rammandir Back Side Road										
	0.00	25.00		1	25.00					25.00	
	Main Road From										
	0.00	30.00		1	30.00					30.00	
	30.00	60.00		1	30.00					30.00	
	60.00	90.00		1	30.00					30.00	
	90.00	120.00		1	30.00					30.00	
	120.00	150.00		1	30.00					30.00	
	A Cross Road in										
	0.00	12.00		1	12.00					12.00	
	12.00	22.50		1	10.50					10.50	
	22.50	27.20		1	4.70					4.70	
	27.20	37.20		1	10.00					10.00	
	B Cross Road in										
	0.00	20.00		1	20.00					20.00	
	20.00	35.00		1	15.00					15.00	
	C Cross Road in										
	0.00	21.00		1	21.00					21.00	
	21.00	29.50		1	8.50					8.50	
	29.50	51.00		1	21.50					21.50	
	51.00	62.00		1	11.00					11.00	
	62.00	93.00		1	31.00					31.00	
	Kempegowda Road (M G										
	0.00	35.00		1	35.00					35.00	
	Near Kodigehalli										
	0.00	30.00		1	30.00					30.00	
	Gangamma Bavi Cross										
	0.00	30.00		1	30.00					30.00	
	3rd Cross Road										
	0.00	25.00		1	25.00					25.00	
	25.00	50.00		1	25.00					25.00	
	50.00	64.00		1	14.00					14.00	
	64.00	92.00		1	28.00					28.00	
	92.00	121.00		1	29.00					29.00	
	2nd Cross Road										
	0.00	30.00		1	30.00					30.00	
	30.00	55.00		1	25.00					25.00	
	Devinagar Arch Oppt.										
	0.00	13.00		1	13.00					13.00	

Consultant

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

18/12/2018
Assistant Engineer

Assistant Executive Engineer
18/12/2018

Date	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date										
	15.00	41.00		1	28.00					28.00	
	41.00	73.00		1	32.00					32.00	
	73.00	98.00		1	25.00					25.00	
	98.00	126.00		1	28.00					28.00	
	126.00	150.00		1	24.00					24.00	
	Govt School Kodigehalli										
	0.00	30.00		1	30.00					30.00	
	Earth Work For Man Hole-Concrete Road										
	Rammandir Back Side Road										
	old Man Hole			-2	1.20					-2.40	
	Main Road From Venkateshwara Temple to Hanuman Temple										
	New Man Hole			-9	1.20					-10.80	
	A Cross Road in Venkateshwara Temple to Hanuman Temple										
	New Man Hole			-4	1.20					-4.80	
	old Man Hole			-1	1.20					-1.20	
	B Cross Road in										
	New Man Hole			-3	1.20					-3.60	
	C Cross Road in										
	New Man Hole			-5	1.20					-6.00	
	old Man Hole			-1	1.20					-1.20	
	Kempegowda Road (M G										
	New Man Hole			-1	1.20					-1.20	
	Near Kodigehalli										
	New Man Hole			-1	1.20					-1.20	
	old Man Hole			-1	1.20					-1.20	
	Gangamma Bavi Cross										
	New Man Hole			-2	1.20					-2.40	
	Earth Work For Man Hole-3rd Cross Road										
	New Man Hole			-5	1.20					-6.00	
	old Man Hole			-1	1.20					-1.20	
	2nd Cross Road										
	New Man Hole			-2	1.20					-2.40	
	Devinagar Arch Oppt.										

TEJUS CONSULTANTS
Consultant

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Assistant Engineer

Assistant Executive Engineer

18/12